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U.S. Army Influenza Activity Report

Week Ending 8 March 2014 (Week 10)

2013-2014 Seasonal Influenza Vaccination Coverage

As of 19 FEB 2014

94%	DOD
97%	Army Active Duty
92%	Army Guard
84%	Army Reserve

SYNOPSIS: CDC and military influenza surveillance systems are demonstrating declining trends. Nationwide ILI activity has returned to baseline levels.

- **ILI Activity:** Army incident ILI outpatient visits in week ten were 32% lower than for the same week last year.
- **Influenza cases:** Three hospitalized influenza cases have been reported to USAPHC through DRSi in week ten. To date, 98 cases have been reported during this influenza season: twenty-four in Active Duty (AD) Service Members (SMs) and 74 in non-AD beneficiaries.
- **Viral specimens:** During week ten, 235 of 1,009 (23%) laboratory specimens tested positive for respiratory pathogens. The most influenza A positive specimens were reported from PRMC (34%), followed by ERMC and SRMC which accounted for 22% and 15%, respectively.

Geographic Spread

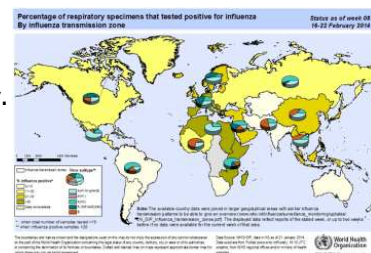


United States

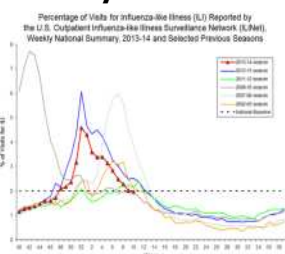
- In week ten, 16 states reported widespread and regional influenza activity. The District of Columbia, Guam and twenty states reported local activity, while Puerto Rico and thirteen states reported sporadic activity. The Virgin Islands reported no activity and Nebraska did not report.

World Health Organization

- In Europe, influenza activity was variable between countries. Overall trends showed slight increases in activity in the northern and eastern regions and decreases in the southwestern region.



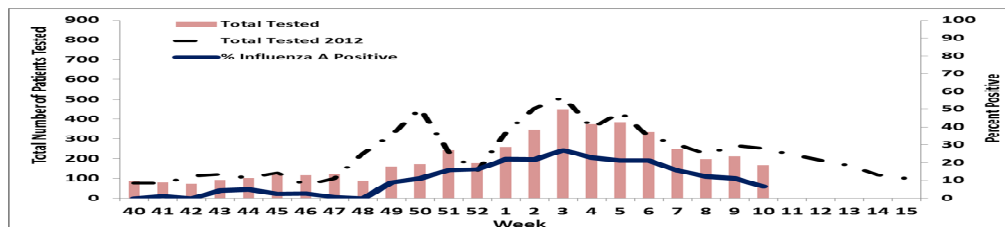
ILI Activity United States



U.S. Army Influenza Activity Report

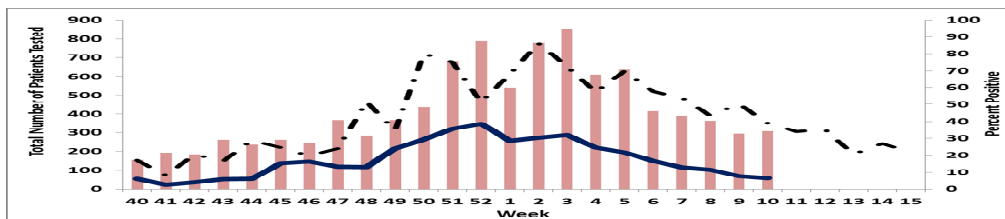
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2013-2014 as Compared to 2012-2013

Northern Regional Medical Command (NRMC)



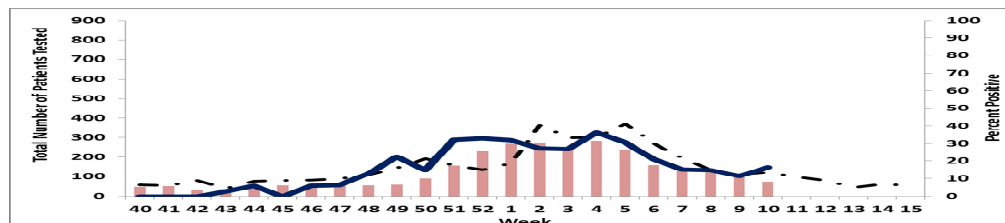
Week 10			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	4	325
18-29	1	0	122
30-39	0	2	111
40-49	0	0	70
50-59	0	4	45
60+	0	0	31
Total	1	10	704

Southern Regional Medical Command (SRMC)



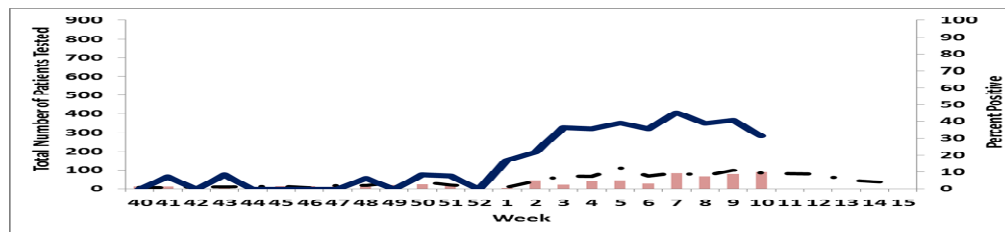
Week 10			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	5	903
18-29	3	3	379
30-39	0	4	288
40-49	2	2	210
50-59	0	0	195
60+	0	0	154
Total	5	14	2129

Western Regional Medical Command (WRMC)



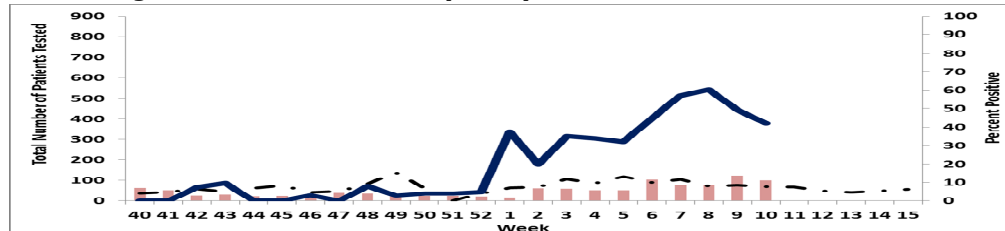
Week 10			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	6	335
18-29	1	3	126
30-39	0	0	77
40-49	0	0	61
50-59	0	1	44
60+	0	1	25
Total	1	11	668

Europe Regional Medical Command (ERMC)



Week 10			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	10	72
18-29	5	2	34
30-39	5	4	55
40-49	0	1	16
50-59	1	0	13
60+	0	0	2
Total	11	17	192

Pacific Regional Medical Command (PRMC)



Week 10			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	20	103
18-29	8	2	107
30-39	5	0	63
40-49	3	1	30
50-59	1	1	15
60+	0	1	8
Total	17	25	326

Number of Positive Influenza A Specimens by Duty Status and Region

Region	Week 3		Week 4		Week 5		Week 6		Week 7		Week 8		Week 9		Week 10	
	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD
NRMC	31	90	19	66	20	61	20	51	10	28	4	20	4	19	1	10
SRMC	56	216	33	117	29	108	14	55	17	33	9	33	5	17	5	14
WRMC	14	52	15	87	12	61	8	25	3	17	4	14	2	11	1	11
ERMC	3	5	5	10	11	7	2	8	15	22	11	15	8	24	11	17
PRMC	2	19	5	13	10	7	24	22	25	19	19	28	29	31	17	25
CENTCOM	0	0	0	0	4	20	0	4	3	9	16	68	1	7	6	7

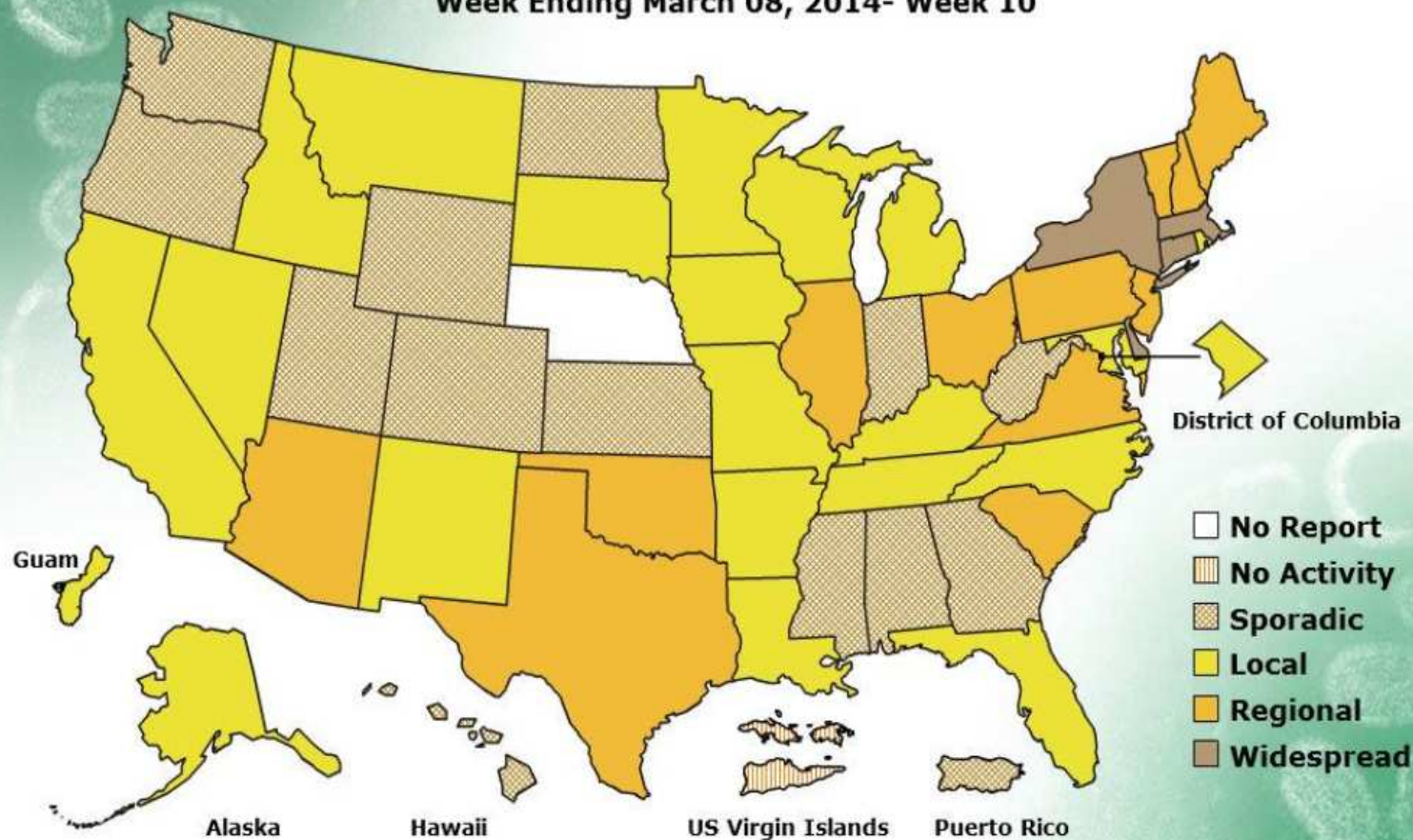
Locations providing week 10 laboratory data as of 12 March 2014: Korea, Ft Belvoir (NCR), Ft Benning, Ft Bliss, Ft Bragg, Ft Campbell, Ft Carson, Ft Drum, Ft Eustis, Ft Gordon, Ft Hood, Ft Irwin, Ft Jackson, Ft Leavenworth, Ft Lee, Ft Leonard Wood, Ft Lewis, Ft Meade, Ft Polk, Ft Riley, Ft Rucker, Ft Sam Houston, Ft Sill, Ft Stewart, Ft Wainwright, Landstuhl, Redstone Arsenal, Tripler, and West Point.

FLUVIEW



**A Weekly Influenza Surveillance Report Prepared by the Influenza Division
Weekly Influenza Activity Estimates Reported by State and Territorial Epidemiologists***

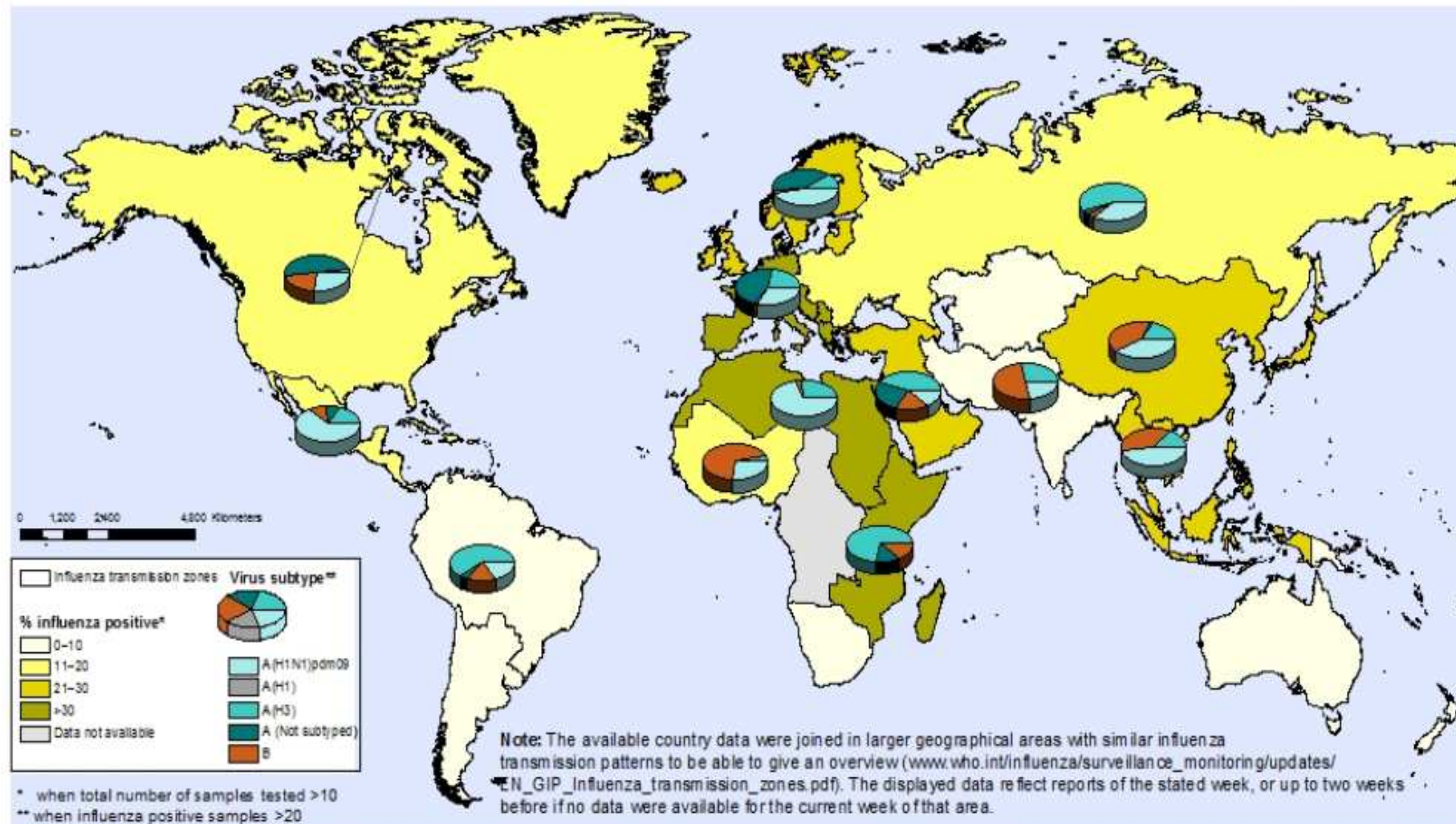
Week Ending March 08, 2014- Week 10



***This map indicates geographic spread and does not measure the severity of influenza activity.**

Percentage of respiratory specimens that tested positive for influenza By influenza transmission zone

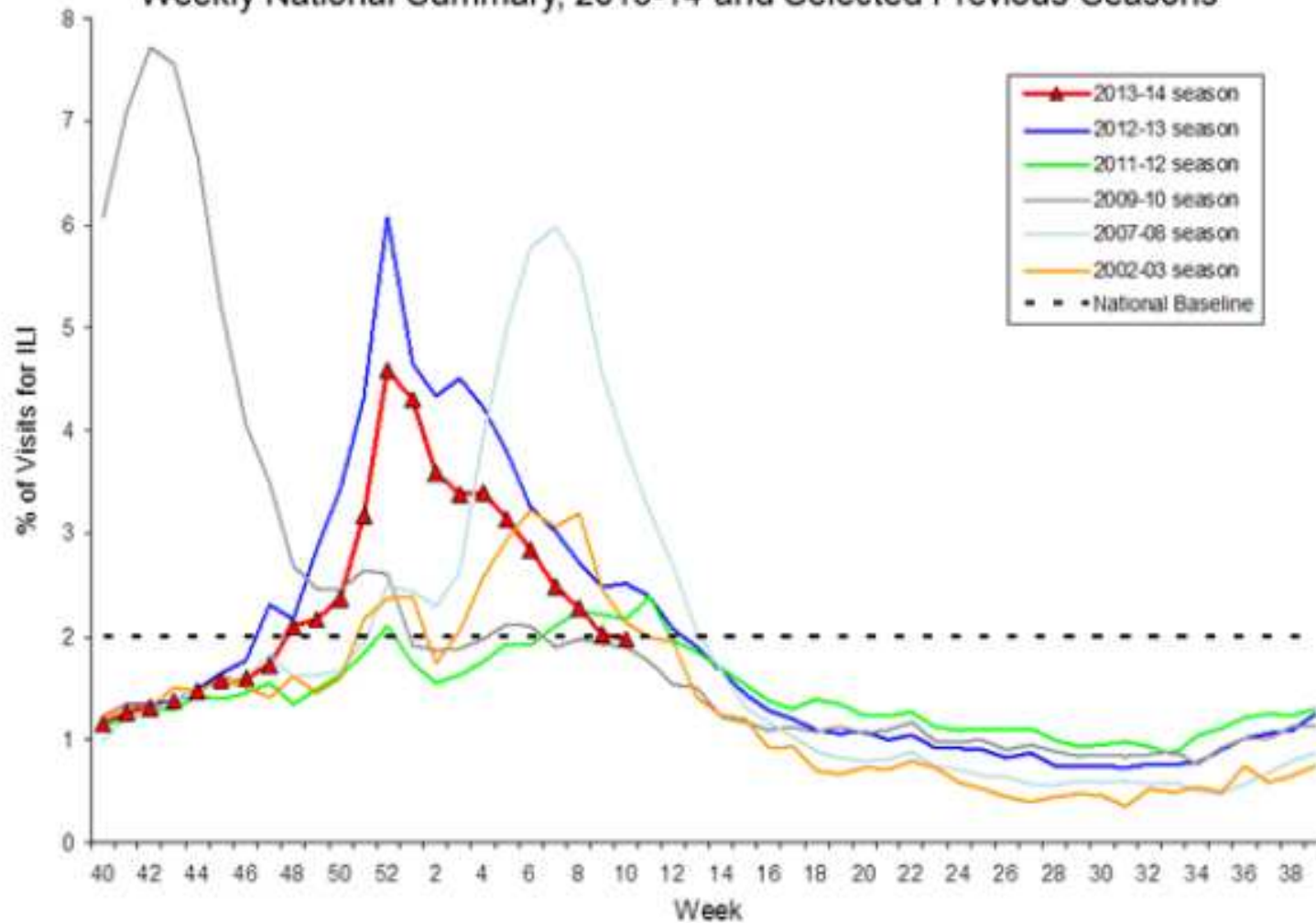
Status as of week 08
16-22 February 2014



The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

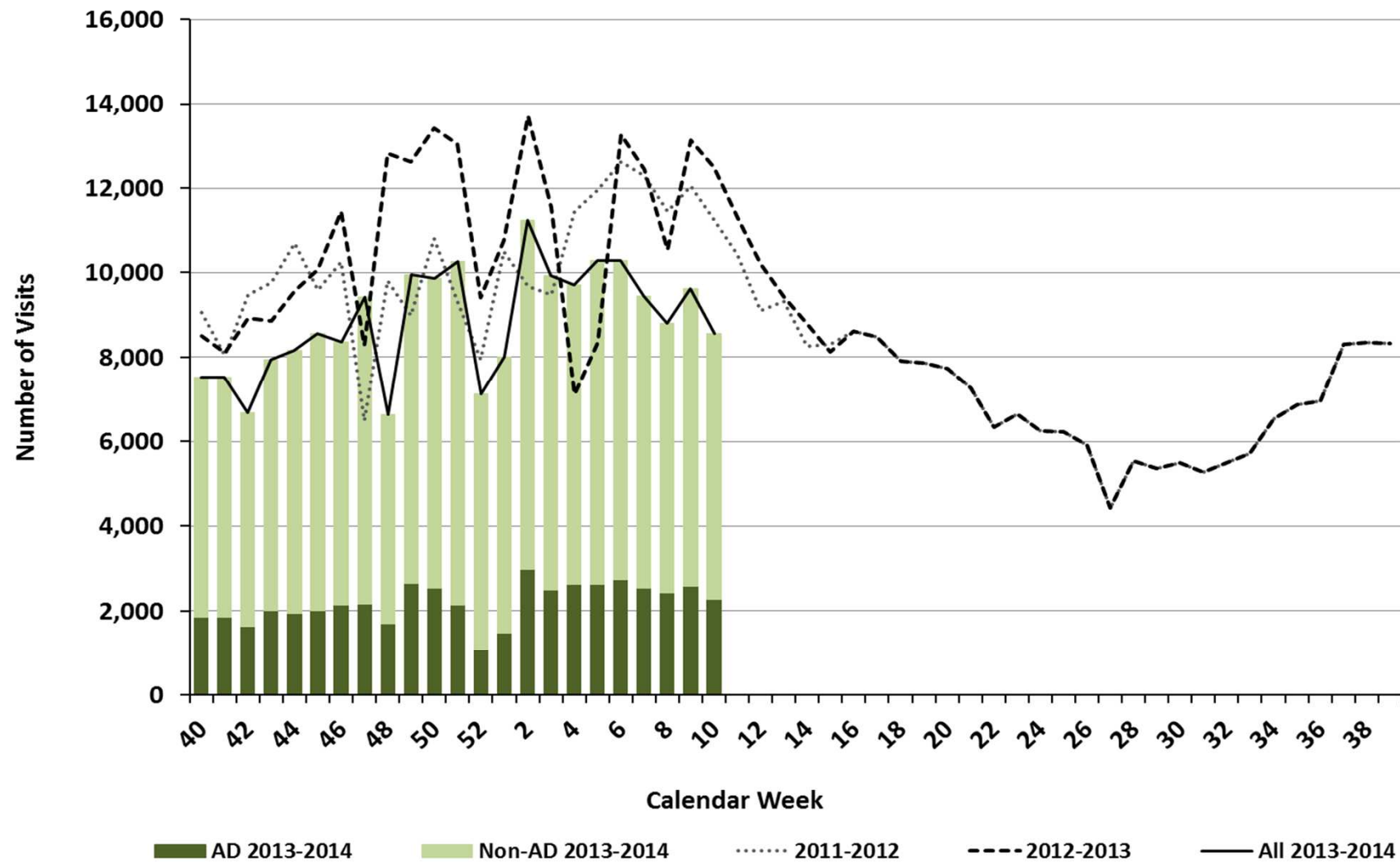
Data Source: WHO/GIP, data in HQ as of 21 January 2014
Data used are from FluNet (www.who.int/fluNet), 14:10 UTC snapshot, from WHO regional offices and/or ministry of health websites.

Percentage of Visits for Influenza-like Illness (ILI) Reported by
the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet),
Weekly National Summary, 2013-14 and Selected Previous Seasons



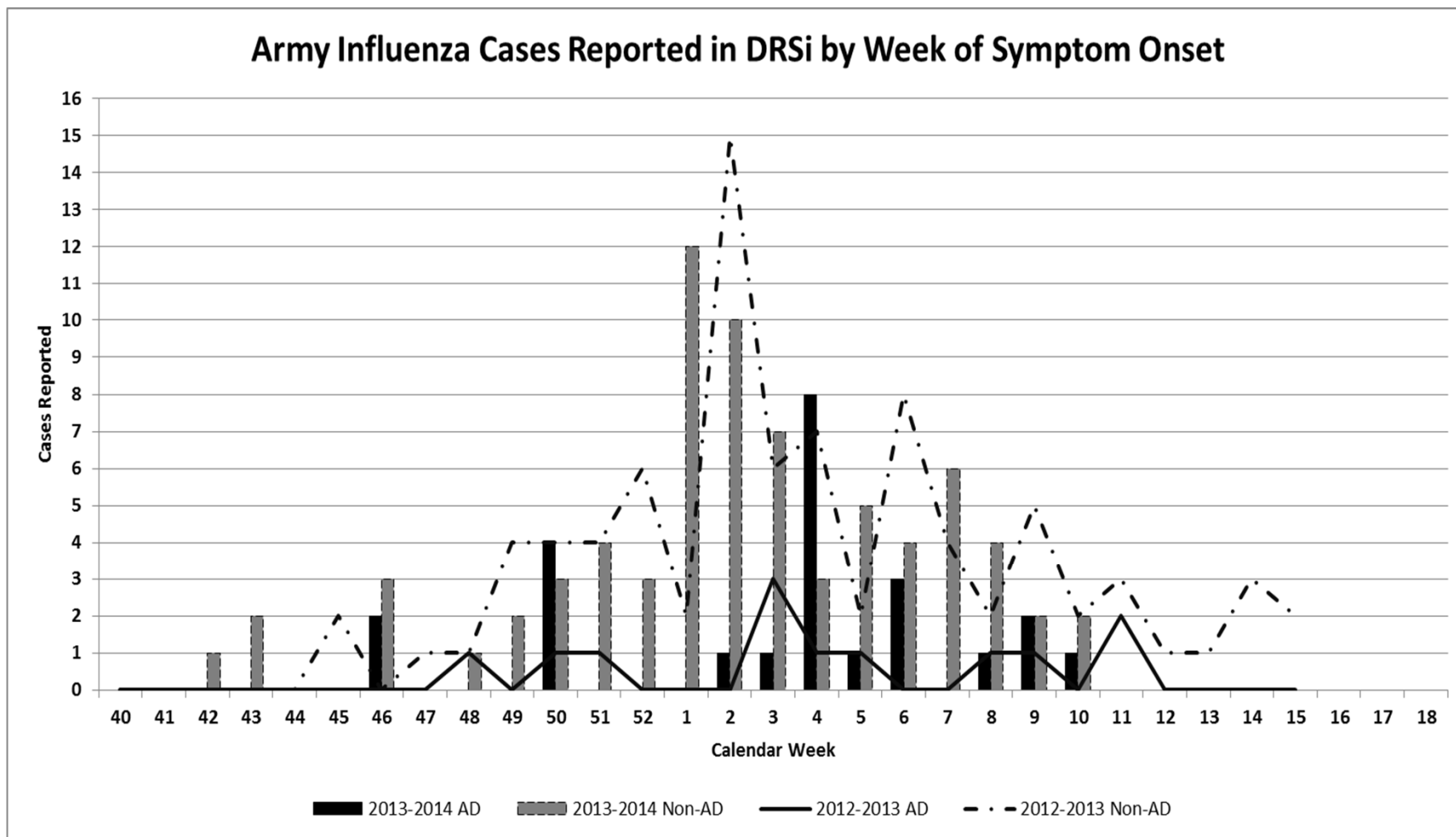
ESSENCE Weekly Outpatient Clinic Visits for Incident Influenza-like Illness

Army MTFs, All Services, 2010-2014



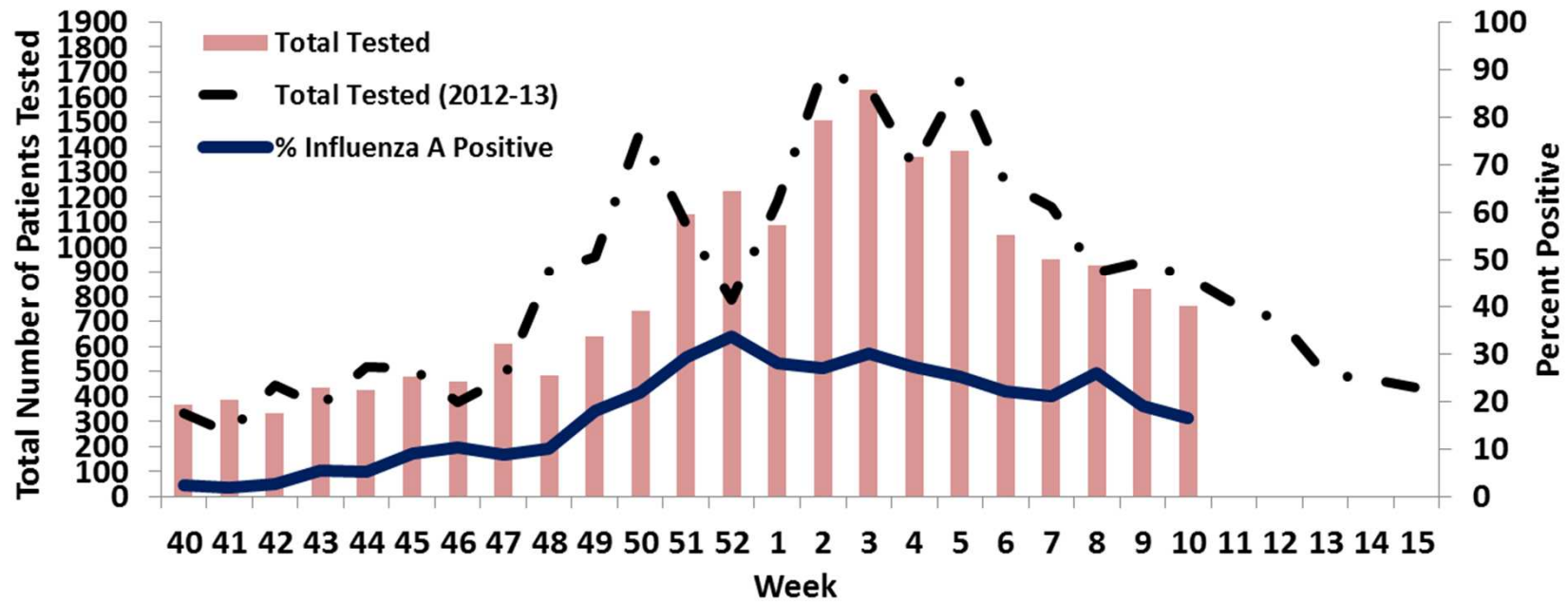
Clinic visits for ILI are obtained from ESSENCE. Data as of 13 March 2014.

Army MTF Laboratory Results, 2013-14					
Test Result	Week 7	Week 8	Week 9	Week 10	Season Total
Influenza A	201	241	158	125	4166
Influenza B	13	12	17	15	129
Adenovirus	14	17	11	15	239
Enterovirus	2	3	0	0	20
Parainfluenza	6	4	11	8	265
RSV	93	69	67	72	1234
<i>Negative</i>	<i>839</i>	<i>796</i>	<i>792</i>	<i>774</i>	<i>16934</i>
Total Results	1168	1142	1056	1009	22987

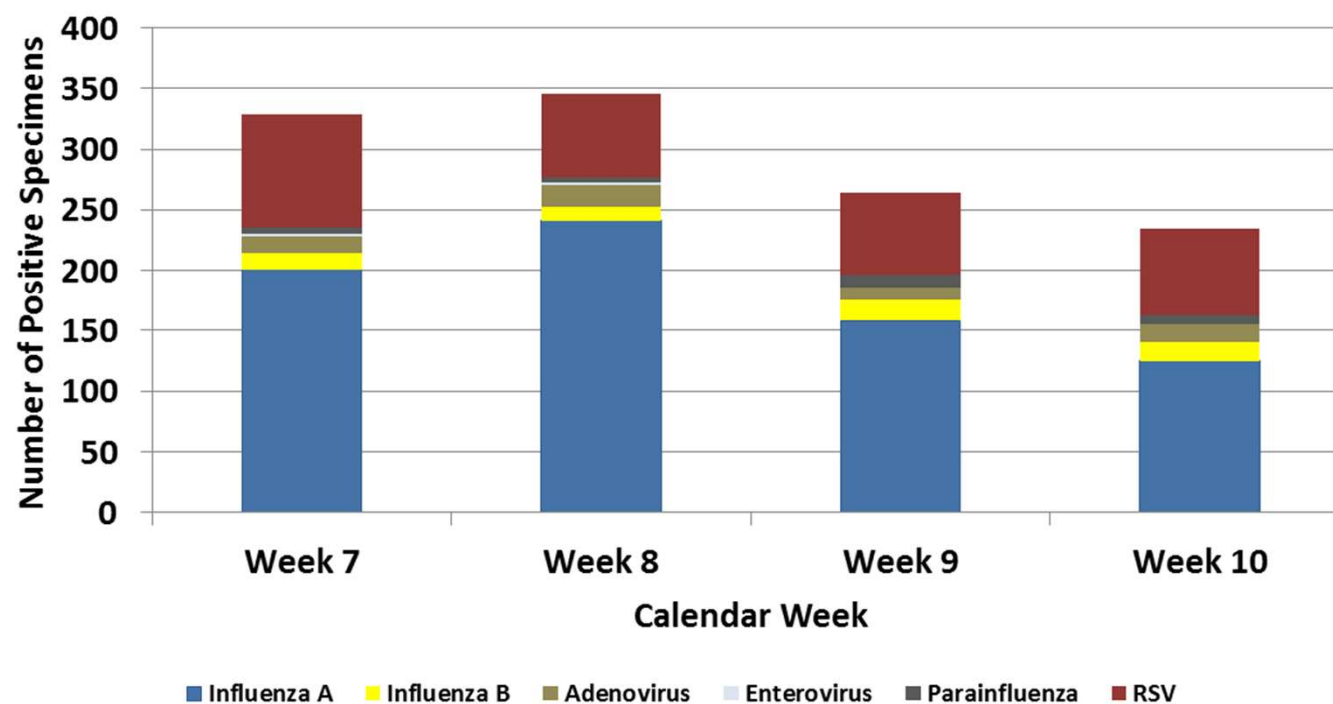


Note: Reportable influenza cases are defined as only cases that have been hospitalized and are under the age of 65. See [Armed Forces Reportable Medical Events Guidelines and Case Definitions](#) for more information
Data as of 13 March 2014.

Proportion of Positive Influenza A Specimens for U.S. Army 2013-2014



Positive Respiratory Specimen Results from Army MTFs by Virus, 2013-2014 Influenza Season



Number of Positive Influenza A Specimens by Duty Status and Region																
Region	Week 3		Week 4		Week 5		Week 6		Week 7		Week 8		Week 9		Week 10	
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